

Page 17, line 12, delete "the first" and substitute --a--; between lines 14 and 15 add new line -- $S_k$  is last portion of the  $i^{th}$  prefix--.

A<sup>1</sup>

Page 24, line 13, between "position" and "associated", insert --n--.

Page 30, line 9, delete " $i^{th}$ " and substitute -- $t^{th}$ --.

Page 32, line 9, delete " $i^{th}$ " and substitute -- $t^{th}$ --.

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Page 33, lines 1 and 2, delete "by calculating the remainder  $v$  of  $r$  integer-divided by  $u$ " and substitute --(according to the relation  $v = (r-1)$

mod  $u + 1$ --; line 5, delete " $\left\lfloor \frac{r}{u} \right\rfloor$ " and substitute -- $\left\lfloor \frac{r-u-1}{u} \right\rfloor$ --.

A<sup>2</sup>

### Claims

Without prejudice please amend the claims as below:

Claim 44, line 4, delete " $\left\lfloor \frac{r}{u} \right\rfloor$ " and substitute -- $\left\lfloor \frac{r-u-1}{u} \right\rfloor$ --.

Claim 45, line 8, between "position" and "where", substitute --less than the position--.

Claim 69, line 4, delete " $\left\lfloor \frac{r}{u} \right\rfloor$ " and substitute -- $\left\lfloor \frac{r-u-1}{u} \right\rfloor$ --.

Claim 70, line 9, between "position" and "where", substitute --less than the position--.

### Abstract

Without prejudice please amend the abstract as below: